App. F IX-4

Previous References

1927 (June)

File No. 161-26

Serial Nos. 1, 2, 3, 6, 7, 8, 9, 10 & 11

Later References
Gnl 287-2736, 1 to 4

General and Revenue Secretariat.

Serial Nos. Fine

Part B for Sept 27

SUBJECT

Transfer of the Management of the Sanjanguda Water works to Public Works Dept

No L 1607-9 D/15-9-27 The DC Mysore & the Ch Engineer & the Govt

Sanctions the Closure

11.9.27

Serial No

1

From

The Deputy Commissioner Bijapur
No 2335 dt 5 3 27

In reply to the office letter dated 2 2 1927, recommends sanction to the proposal of the Talukha Mel el, Navalgund for transferring the entire water works to the management of the water supply dept for a period of three years to begin with the cost being met by the Talukha Mel el and also to purchase a machine for Rs 6000/- the cost being met partly from Mel Funds and partly from the grant made by the Govt for Town Improvements for 1926-27, to the effect that

6 The Chief Engineer may be consulted unofficially, on the proposals of the Mel el

) Reference para 1 above

DS 9/3/27 Karl (for Secy) 28 10/3

Forwarded unofficially YG

For favour of remarks RB 9/3

Ch Engineer (unofficial) for favour of remarks BO

With Compts Rajadhyaksha 9/3/27

Secretariat Bombay 11/3 11.3.27

W 0590 9/10/3/27

Secy—Contn Sheet

Public Works Secretariat | File No. 161 of 1926

Serial No

9) Returned, with compliments to the General Secretary to Government

2 There is no objection to the transfer of the Water Works to the Water Supply Department for maintenance for a period of three years temporarily as suggested by the Municipal Council, provided the Municipality places the necessary funds required for the maintenance of the plant

3 Kind reference is invited to letter No 2007 dated the 23rd March 1927, forwarding an Inspection Note of the Water Works It will be clear therefrom that the plant is in a very unsatisfactory condition and the water works require thorough overhauling and repairs and also the purchase of a new set of machinery This will cost the Municipality a sum of Rs 7,000/- as per estimate sent herewith The report accompanying the estimate explains the situation

4 As regards supervision of the plant, it will be done by the Superintendent of the Mysore Water Works and for the extra works devolved, an allowance of Rs 50/- per month is recommended In addition, a Suboverseer is required to be stationed at Nanjangud to be in charge of the improvement works I have only suggested the minimum establishment required and if the Municipal Council agree to the proposals, orders may issue transferring the works to this Department for maintenance It must also be mentioned here that the work of

WD 355—GBP—5000—21-6-28

Serial No

placing the works on a satisfactory basis will take a few months and no improvement in the supply of water could be expected by the Municipality immediately the works are handed over to the Public Works Department

J W Bliss
11.5.27
Chief Engineer of Mysore

Bangalore)
11th May 1927)

HRR/11th

ate + Report

Enc 1 Report
1 Extr ate

Pundar 16/5/27
(w pendar)

10/ Submd for orders with reference as to paras 8 and 9 supra.

11/ The views of the chief Engr will be communicated to the D C for consideration by the M C and their resolutions called for. The orders of Govt

12/ Geodraft please

BS 16/5/27

WD 995—GBP—5000—21-8 28

WD 0.229—GPB—37 500—1 9-26
App F III—2]

General and Revenue Secretariat

Vol File No 161 of 1926

Serial No	
13	A draft is put up for abbreviation
	BB 19/5-26
1	First Member) 10R 21/5
	15 Issue 21/5
3	L 845-S-A 23, 5 [illegible] The D.C. Chhatarpur forwards herewith as in para 4 supra and requests him to forward the resolution with the [illegible] thereon
	From the Chief Engr's No 11431 & 26.5.27 Refers to his No 1 & 7/57-27 dated 5.5.27 and states that the Blackstone Canal Engine has been repaired & water supply restored before Dadjaba ch rains and requests that a duty allowance of Rs 50 a month may be granted to Mr Smith who is in charge of the works practically from 9.2.27
6	D2-2335-26 & 1/6/27 from the DC Mhow Requests that a new plan for which the municipality has provided funds may be put before the end of Nov.

Note—Contn Sheet

CR 6

F. III.—2]

General and Revenue Secretariat

Rd File No 161 of 1926

Serial No	
7	D 2335-26 & 1/6/27 from the D.C. Mysore - Reports that the Prest-Manjanad Mal. Cl. has been instructed to work the machine for 1 hours a day only. Subd The following points in Connection with the Manjanad Water Supply have to be considered — 1) Granting of an allowance of Rs 50 a month to the Supdt Mysore Waterworks from 9 2 27 the date from which he has been in charge of the works 2) A new plant to be got for the water supply of Manjanad for which funds have been provided
	Sd 13/6 17 Call for the required proposals mvj 16/6
18	Draft with draft Sd 14/6 19 Issue mvj note
	L 9037 & 29/6/27 Ch Engr Calls for proposals
	Letter no 441 of 16th July 1927 stating that the information called for had already been furnished in his D O note of 12th May 27

Note—Contn. sheet.

WD 2206—GP B—10,000—4-5-27

Serial No

(Item 9)
20 The Chief Engineer W.O. note of 12th May 1927 answers the points raised in [illegible] of the Notes [illegible] [illegible] [illegible]

369d

App F III—2]

General and Revenue Secretariat

File No 161 of 192

Serial No

Technical advice and assistance of the Water Supply Division at the disposal of the Council be submitted for orders

Elec'o

923/29/7

26) The Resolution of the Council also states that they wish to place a sum of Rs 40000/- at the disposal of the Supdt of P W for the works of improvement to be carried out by the Supdt

27) The Chief Engineer has furnished his opinion in the matter in Para 9 (before) of the notes

Ch 27/7 28

28) Subd for perusal -

29) The Ch Engr will be consulted no on the proposal after Mr Ch- & offr

30) Ref para 5

MO 28/7

First Member

Lee 29/7

No. 69

Q. 13 of P. 8. 27

31) Forwarded no with Compliments to the Ch Engineer in response for favour of remarks on the present proposal of the Municipal Council

Sd/- M Venkatachalapathy
U Secy

3.7.27

NOTE—Contn. sheet

WD 0924—GPB—60,000—24 5 27

General and Revenue Secretariat | File No | of 192

Serial No 13 83

32) Returned, with compliments, to the General Secretary to Government.

2. The conditions under which the Municipality is now willing to get the improvement works done are-

(a) Free technical advice

(b) Waiving the establishment and Tools and plant charges

Both the conditions are unacceptable, for in the course of execution of works, not only the posting of a subordinate is necessary to supervise the works but also the Superintendent Mysore Water Works and the Executive Engineer, Water Supply Division have to frequently inspect the works. The Municipality has therefore to bear the cost. These charges are legitimately to be borne by the Municipality unless Government decide to bear the charges themselves as a very special case.

It may be stated here that applications for waiving of Establishment and Tools and Plant charges for works done for local bodies have become more the rule than the exceptions. Such exemptions result in increasing establishment percentage.

3. The Municipality further state that the management of the works would be vested in this

NOTE—Contn sheet

WD 0324—3PB—60 000—24 5-27

Serial No

Department during the period of execution. The choice is not on the side of this Department but with the Municipality If the works are to be improved either they will have to hand over the works to this Department or carry out the improvements themselves. It is not advisable to transfer the works to the Municipality immediately the improvements are carried out.

4. It is not understood how the finances of the Municipality would be affected by placing the works under the management of this Department, so long as the Municipality have to bear the same charges when the works are under their control.

5. In the interests of the town, the question requires early consideration and disposal

6. Another point is that the Municipality is willing to bear costs to the extent of Rs 4,000 out of Rs 7,000 It is not understood why Government should bear the cost of these improvements which are more of the nature of repairs to the existing plant.

19 8 27

Chief Engineer of Mysore.

Bangalore,

August 1927.

V.W.S.

Note—Contn sheet

WD 325—GBP—5000—31-8-28

General and Revenue Secretariat | File No | of 192

Serial No

33) Submitted

34) These papers relate to the proposal regarding (a) the transferring of the entire management of the Water Works of Nanjangud to the Water Supply Department for a period of three years to begin with, and (b) the improvements to be effected to the present plant

35) As regards (a) the question of transferring the charge to the Water Supply Department, the Municipal Council are not willing to this They state that they have no objection to the works of improvement being carried out by the Public Works Department reserving management of the works for themselves They have already forwarded an estimate for -- Rs 7,000/- for the sanction of Government for these improvement works

Hago'

PWD I

36 The opinion of the Chief Engineer on the above matter is given in para (3) of his Un-Officia Note dated the 20th August 1927 He is of opinio that if the works are to be improved they will have to hand over the works to the Public Works Department or carry out the improvements for themselves

Mag R

37) Regarding (b), the question of improvement to the present work, the conditions under which the Municipality is now willing to get the works done are (1) Free technical advice, (2) waiving the establishment, tools and plant charges

38 The opinion of the Chief Engineer is - contained in para (1) of his U O Note dated 20th August

NOTE—Contn sheet

Mag R

General and Revenue Secretariat | File No | of 192

Serial No

May 'Q'

August 1927 In this connection, kind attention is invited also to para (9) of the Notes - Orders are now required as regards -

(1) To allow the Municipality to continue to have the charge of the works and improvements works being carried out by the Public Works Department

(2) Regarding the waiving of establishment, tool s and plant charges in connection with the improvement works,

(3) Giving free technical advice and assistance of Water Supply Department to the Municipality, a n d,

(4) Sanctioning of the estimate for Rs 7.000/- proposed by the Municipal Council of Nanjangud for carrying out the improvement works

Ck 24/8 "O -

58) The works are in a bad way and it is the duty of the municipality to see that they are brought into a good condition The Chief Engineer's proposal to that the works sh^d be transferred to the dept may be appd - the works continuing under the P W D for one year after the improvements have been completed The tools and plant charges may be recovered but special allce may to the Engineer Officer supervising the work from whose pay it seems unnecessary As regards the draing Rs 300/- the reference do not show that any grant has been and

* P W D II Para (8)

NOTE—Contn sheet

3608 3rd -519 13

App F III—2]

General and Revenue Secretariat — Jud File No 161 of 1926

Serial No

by Government but it may be possible for the DC to make a grant ~~this~~ sum to the Municipality out of the current years grant for town impts: made to the Dt Board is not possible the Municipality will have to bear the expr: there is ~~none~~ an investment of Rs (illegible) at the credit of the Municipality and a closing balance of about Rs (illegible) on the current years budget. For perusal orders

MW 24/8

First Member

40) Please draft a ltr for Govt's sanction to the various items mentioned in the margin of the note.

25/8/27

41) Draft

MW 28/8

42) Draft submitted for Govt's sanction

Ch 26/8 (illegible)

43 Draft attested + submitted

Ch 6/9

For the Dewan before issue

For approval Will MW 9/9

First Member 11/9

MW 12/9

Dewan

13-9

27

S OFFICE. SEP 1927 1890

164 / 25/8

2547 9/9

(illegible) also

NOTE—Contn sheet

WD 0824 GPE—5000.0—24 5-27

General and Revenue Secretariat | File No | of 192

Serial No 11

B

NOTE—Contn sheet

G.R.S. III—6]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

L.L Sheet

1/ Mrs Cresswell Tent
the old Engine a Transport
water house to Jinnah Square. Lorde
that repairs Corps heavy that there's
No water for 15 Cp. & that a new
Engine to reach Repairs Camp
Cpls to have the matter investigated & Ansuchya
Submit a report
1 Copy to A.C for info

Sd
24/2/27

Sd/-

Plan dupr attnd

Sd/-

4 Asbestos sheets up.

Sd/-

5 More attnd today

Sd/-

No 4538 dt 2.2.27
The Chief Engineer
Requests him to take action
on the paras about Land

24 Feb

N.B.—Should routine notes be written on small slips, they must be copied, or slips pasted on this form.

Engineer Works Dept
Hyderabad & Cantt
Engineer for
Secretary

G R.S. III.—31

Routine Notes,

[To be used only for notes, requisitions, etc not intended for permanent record.]

N B —Should routine notes be written on small slips the notes must be copied or slips pasted on this form

General and Revenue Secretariat — Jud File No 161 of 1926

	Serial No	
5192	10	Letter no Dy - 2335-26 of 3rd August 26 from the Dy Com Mysore Dt forwarding for sanction an estimate for Rs 7000/- for improvements of water supply to Nanjangud town The file re the taking over charge of Nanjangud water supply to P W Dept has been sent on 30/11/27 to the Chief Engineer un-officially for opinion in the matter. This may also be forwarded to them in continuation of that for scrutiny of the estimate Ch 5/8
15 dy 11 8 27		Forwarded with compliments to the Chief P in response for favour of scrutiny of the estimate and return of file BO M Venkatesalyengar Under Secy
		GAS. DE 10 8 27 Chief Engr Urgent Book 11/Mys 15/8/27

NOTE—Contn sheet

5192

App F III—2]

General and Revenue Secretariat | File No of 192

Serial No

15477 e

Returned, with compliments, to the General Secretary to Government.

2. The estimate is the same as the one forwarded in this office U.O wo 118 dated the 12th May 1927.

3. The U O file referred to in the notes is returned separately with observations

Jas T Blair 16 8 27

Chief Engineer of Mysore.

Bangalore,
August 1927.

Note—Contn sheet

WD 0834—GPB—60 000—24-7-27

Immediate

2 9335-26

From

Office of the Deputy Commissioner
Mysore District
Dated Mysore 4th March 1927

A V Ramanathan, Esq ,B A ,

Deputy Commissioner Mysore District

To

R Ranga Rao Esq B A ,B L

Secretary to the Government of Mysore
General Department Bangalore

Subject - Supply of water - Nanjangud Town

Urgent

ml 161-26 — 1

Sir

With reference to the Memo No L 5322 dated the 2nd February 1927 from the Secretary to Government Local and Legislative Departments on the above subject, I have the honor to state that the water supply plant of Srikanteswara Water Works at Nanjangud is giving constant trouble and the Municipal Council are of opinion that it should be replaced by a new one in order to secure constant supply of water to the Town The works were inspected by the Assistant Engineer of the Water Supply Division on 9th February 1927 and subsequently by the Superintendent Wani Vilas Water Works Mysore The whole plant is placed at the disposal of the Executive Engineer, Water Supply Division and to alleviate the present difficulty for water in the Town a crossly Engine Set has been sent from Mysore by the Water Supply Department and installed there

2 The question of Water Supply to Nanjangud Town was discussed by the Municipal Council at their Meeting held on 27-2-1927 and it has been resolved that immediate arrangements may be made to ensure water supply to the Town, that the existing plant with the connected establishment be placed under the control of the Water Supply Department and that the cost thereof be met from Municipal Funds I agree with the Council and r nd that the approval of Government may kindly for plac

for placing Srikanteswara Water Works at Nanjangud under the management of the Water Supply Department Copy of the resolution of the Council with copy of the President's letter No 227 dated 2nd March 1927 is enclosed for favour of perusal

3 As regards the purchase of a new engine I have to state that necessary provision had been made for it in the Budget Estimates of expenditure for the current year The President now reports that the cost of maintenance of the present Water Supply Plant and the unforseen charges incurred thereon have been heavy of late and the Municipal Council cannot therefore find funds for the purchase of an engine out of the above grant On the special representation of the Council a sum of Rs 5000/- out of the lumpsum grant of Rs 18000/- sanctioned by Government for this District for improvements in Municipal Towns in 1926-27 has been allotted for improvement of Water Supply at Nanjangud The Municipal Council place this amount and an equal amount from Municipal Funds at the disposal of the Water Supply Division This may also be approved Copy of the resolution of the Council passed at the Meeting held on 31st January 1927 is enclosed

4 The Town is shortly to be supplied with electricity and when it is done arrangement will have to be made to electrify the water supply plant also It is desirable that at such a time the entire plant should be under proper technical control

5 I request therefore that very early sanction of Government may kindly be obtained for transferring the entire Water Works to the management of the Water Supply

Water Supply Department for a period of three years to begin with the cost being met by the Municipality

I have the honor to be,

Sir

Your most obedient servant

Deputy Commissioner

Mysore District

A N

Extracts from the Proceedings of the General Meeting of the Nanjangud Town Municipal Council held in the upstairs hall of Dalvoy Buildings on Monday the 31st January 1927 at 5 P M

---

1 Read - Memo No D2 803/26 dated the 19th January 1927 received from the Deputy Commissioner Mysore District re the special grant of Rs 3000 sanctioned for Town Improvement

Resolved that as the most emergent improvement at the present moment is the improvement of the water supply to the Town which is breaking down frequently and which is expected to cost Rs 6000/- the Deputy Commissioner be requested to permit the council to utilise this amount as moiety of the cost the council sanctioning the other moiety from the balance available under the head Public Works executed by Civil Department"

xx xx xx xx

4 Progress in the development of the following Schemes

(a) Water Supply

The President explained what action has been taken in regard to the development of these schemes and it was unanimously resolved that (a) the existing water supply plant which is constantly giving trouble be replaced by a suction gas engine and suitable pump which is expected to cost Rs 6000 and that the Municipal Council do contribute half the cost by appropriating the sum from the allotment for Public Works to the extent necessary, the Deputy Commissioner being requested to permit the Municipal Council to utilise the grant of Rs 3000 for Town Improvements as there is no work which is more emergent

xx xx xx

"Extract"

Commissioner,
District.

Report to accompany the preliminary estimate for Improving the Nanjangud Water Work

---

The Water Supply to Nanjangud Town which was unsatisfactory throughout the year 1926 broke down completely in January 1927 and on a reference from the Municipality to the Government asking for help, it was inspected by this Department, and temporary relief given by repairing the Blackstone engine there and a Pulsometer Centrifugal pump available in this office and running this set in series with the Crossley Portable set belonging to the Department gave complete relief during critical time when there was Jodjatra in the middle of March and has been keeping up the Water supply to the Town since.

The present estimate provides for the purchase of a new Vertical Crude Oil engine and Centrifugal Pump to be installed. The present Blackstone engine and Pump will also be thoroughly overhauled. Thus the station will have a duplicate plant which will efficiently guard against a failure of the Water Supply.

The maximum suction depth now is more than about 22 feet and it is now proposed to lower the suction pit by about 4 feet or as much as found possible taking into accounts the present foundation of the building.

The estimate also provides for the overhaul and repair of the existing plant to bring them into efficient working condition again. It also provides for the emergency work already executed in February and March to restore the Water supply. The amounts are mostly lump sum provisions but they are to be taken as sufficiently accurate to give

a very fair idea of the requirements

Executive Engineer,
WATER SUPPLY DIVISION

Bangalore,
7th April 1927

Mysore Public Works Department — Water Supply Division

Estimate for Improvements to Wangangud Water Supply

No.	Items of work	Amount
1	One Crossley Vertical Type crude oil Engine 14 to 16 B H P at 450 R P M Complete with accessories etc F R O Wangangud	2112
2	One Reo Rotumbo Single Stage Pump 10000 Gallons per hour 4" Suction 3" Delivery F O R Wangangud	660
3	Counter shaft Arrangements including fast and loose pulleys bearings Pedestals & Belting &c	1000
4	Foundations for new engine	250
5	Guard Rails	100
6	Lowering the Suction Pet. Pipe connections to the pumps. Foundations for pumps &c	750
7	Overhauling the Blackstone Engine Completely including Spare parts etc	500
8	Overhauling the Hornsby Engine that is to be received	600
9	Repairs to Worthington Plunger pump including Cost of New Crank shaft	250
10	Repairs to Pulsometer centrifugal Pump (at C I W)	150
	Total	6272
	Incidentals and Emergency work already executed in March 1927 and Contingencies	728
	Grand Total Rupees	7000

Bangalore
8/7-4-27

Executive Engineer
Water Supply Division

15 L

WD 1000—GPD—Gdp—16-12-25

MYSORE PUBLIC WORKS DEPARTMENT,
CENTRAL OFFICE,

Received from Secretariat on 3/4/27

No. 9007 Encl

Dated Bangalore, 23/3/1927.

FROM

JOHN BHORE, Esq., M.I.C.E., Etc.
Chief Engineer of Mysore,
Bangalore.

To

Md 161-26—2

R. Ranga Rao, Esq., B.A., B.L.,
Secretary to the Government of Mysore,
General Department,
Bangalore.

Sir

9 3608

With reference to your letter No L 5321 dated the 2nd February 1927, I have the honour to forward herewith, for information, a copy of the Inspection Report of the Executive Engineer, Water Supply Division on the (Srikanteswara) Nanjangud Water Works-

9 4378 C.O. 18/3

2 In this connection, kind reference is invited to letter No.D. 2355/1926 dated 5th March 1927 from the Deputy Commissioner, Mysore District to your address recommending the transfer of the Water Works to the Water Supply Department for a period of three years-

I have the honour to be,

Sir,

Your most obedient servant

23.3.27

CHIEF ENGINEER OF MYSORE

T.R.S.

Inspection Note on Nanjangud Water Works

Inspected the Pumping Plant and the Reservoir with the ---- Superintendent, Vani Vilas Water Works on 9th February 1927

The Hornsby Oil Engine was working with the newly got 4" Gwinne type pump The Blackstone Engine and Plunger Pump were idle as they were out of order

ENGINE - The Hornsby Oil Engine is of 12 H P There is - nothing radically wrong with the engine as it was running with an average speed of 240 to 250 R P M The engine could take proper load provided the pump could This could serve the purpose ---- provided a suitable pump is coupled to it

The following items have, however, to be attended to ----- though not immediately -

(1) The cylinder liner seems to be badly worn out as the gases are leaking through the piston even with the new rings A new liner is therefore to be put in

(2) General overhauling is necessary The Valves have to be ground, replacing them if they are badly worn out, now -- that spare Valves are in stock

(3) Knocking was observed in high speeds in crank and gudgeon pins New bushes and proper setting may be necessary

As it is at present, the engine can easily generate about 6 to 8 H P which is enough to work a pump with a discharge of --- 6,000 to 8,000 gallons against a head of 80 feet If the pump -- was only meant to work against a head of 80 feet the same engine could have easily supplied the requisite amount of power The present failure is not therefore so much on the engine side as on the pump side

PUMP.- This is an Invincible Gwinne S type 4" Centrifugal

Pump with axial suction The exact specifications of the pump with regard to the speed, capacity and working head, were not - available either at the Pumping Station or at the Municipal --- Office From the records kept in the Superintendent's Office at Mysore, it is learnt that the pump is intended to give a --- discharge of 6,000 gallons per hour against a head of 100 feet From the catalogue of the Firm, the speed for working against - 100 feet head ought to be about 2,140 R P M Unfortunately, - none of the above conditions are being satisfied in the pump -- installed newly It was found that it was giving a discharge of about 2,000 gallons per hour against a head of about 40 feet and the speed of the pump was about 1,450 to 1,500 R P M

The realisation has therefore been far below the ------- expectations

The working conditions are not quite satisfactory owing to the following points -

(1) The pump is of a single bearing type which is absolutely unsuited for the place A pump with double bearings (viz., bearing on either side of the belt pulley) should have been ---- obtained instead of this, as it would have been more appropriate Owing to the overhanging pulley there is a drag on the end ---- bearing due to the tension of the belt which gives room for --- overheating in the bearing Further the ball bearing at the - end is doing more harm than good as it is not serving its ----- purpose This is cutting the shafting very badly and the ---- damage increases whenever the belt on the pump is tightened Proper play has to be given for the ball races by reducing the thickness of collar if need be, so that it may not scour out the shafting Owing to this trouble, the belt is kept slack and - naturally it slips off whenever the speed of the engine is ----

increased Consequently, the speed of the pump gets reduced and with it, the head on the pump also gets lessened

Added to this, the suction lift is too high The actual level of water in the suction pit from the pump shafting was --- found to be about 20 feet and the three bends and the length of piping add another 3 feet to it, the total lift of suction ----- being 23 feet which is too high in practice For a Centrifugal Pump the suction lift should not exceed 16 to 18 feet altogether The pump was probably giving half of its rated capacity so long as the suction lift was low but now, as the water level has ---- gone down in the river, it must have affected the capacit to -- a very considerable extent Under the existing circumstances, the pump cannot meet the present requirements A more suitable pump would have been a double bearing $2\frac{1}{2}$" pump with a speed of 2,140 R P M This would have given 100 to 125 gallons per ---- minute against a head of 80 feet, the power required for driving it would not have been more than 6 B H P which the present ---- engine would have easily satisfied Instead of this a bigger pump, viz , 4" with a smaller speed has been got which will be suitable for only low lift of about 30 to 40 feet and not more

Attempts will, however, be made to make use of the pump by putting in valves to the delivery and suction lines for ---- regulating and increasing the speed of the pump by fixing a 24" pulley on the counter shaft, instead of the present 18", so that the pump speed may reach about 2,000 R P M The load on the -- engine could be regulated by adjusting either the suction or --- delivery valves or both As it would be unfair to give a trial with a high suction lift, arrangements will also be made to fix the portable Crossley Engine and Pump Set which is available a Mysore now, at the river bed and pump in water to the suction

well thereby, raising the level of water in the suction well or by directly connecting the delivery of the Crossley set to the suction of the pump at Nanjangud if the materials, such as, --- pipes, etc , required are available A new pulley of about 24" diameter has been taken on loan from the central Industrial --- Workshops, and the Superintendent, Vani Vilas Water Works, has been requested to carry out these tests to give some immediate relief to the people there, as requested by the President

In the meantime, the old centrifugal pump will be got -- repaired and refixed there, as it is learnt that the old pump - was meeting the demands of the town quite satisfactorily The above arrangement, if found successful, can go on till a new -- plant is erected

CONCLUSION - The Hornsby Engine belongs to Water Supply Department The Blackstone Engine and Plunger Pump are found to be useless at present The new pump recently got is unsuited to the place Under the above state of affairs, the Municipal Council cannot but be anxious about the water supply The --- Municipality should have consulted the Executive Engineer, Water Supply Division immediately after the trouble started and taken his advice in the matter Even with regard to the buying of a new pump, the Executive Engineer should have been consulted Nobody seems to have exercised proper supervision with regard to the working details of the pump, and want of technical control is keenly felt, as the whole plant is considerably deteriorated though the maintenance expenditure is increasing Hence it is best to have a new plant altogether, if the water supply to --- Nanjangud is to be placed on a satisfactory basis

It is since learnt that the Municipality are anxious to buy a Suction Gas Plant at a cost of about Rs 6,000/- It may

not be out of place to mention here that a suction gas plant is more difficult to manage than an ordinary oil engine It wants very adept handling and it cannot be economical in a small installations like this The stand-by losses in a suction gas engine are also great and specially when the electrification of Nanjangud is close at hand, the suction gas plant cannot be of much use Instead of that an ordinary Kerosine Oil Engine, --- Crossley's, Campbell's or Hornsby (Crossly being preferable) ---- would be more handy and appropriate to be got A Rees Ro Turbo Pump with a new oil engine of about 15 B H P would be certainly more advantageous, less costly both in initial outlay and ------ running expenses

It is learnt that a complete set may be available for about Rs 4,000/- or Rs 5,000/- and it is certainly worth while getting one immediately since the funds are available Even after electrification which, by the way, may take another year or two to be completed, the new plant may be kept as a stand to serve in cases of current failure, as it is quite necessary to have a stand bye plant in any electric installation for wat supply purposes It is advisable for the Water Supply Depart ment to install the new plant after working out the details to avoid all further complications in the matter

Immediate action in the matter is very necessary

"Copy"

For Chief Engineer of Mysore

T R S

1c-28445/Mde 161-26-3
dt 22-5-27

To

The Deputy Commissioner,
Mysore District, Mysore.

S i r,

With reference to your letter No.D2 2335 dated 5th March 1927, recommending sanction to the proposal of the Nanjangud Town Municipal Council, for transferring the entire management of the Nanjangud Water Works to the Water Supply Department for a period of three years to begin with, I am directed to state that there is no objection to the transfer provided the Municipality places the necessary funds required for the maintenance of the plant at the disposal of the Public Works Department The Water Works are stated to -- require a thorough overhauling and repairs and a new set of machinery is stated to be necessary This will cost the Municipality a sum of Rs 7,000/- according to estimate sent herewith The report accompanying the estimate explains the situation It is proposed that the Superintendent of the Mysore Water Works should supervise the plant For the extra work devolving upon him the grant of an allowance of Rs.50/- per month to the Superintendent is recommended by the Chief Engineer A Sub Overseer is required to be stationed in addition at Nanjangud to be in charge of the Improvement Works.

I am also to mention, in this co that the work of placing the works on a -- satisfactory basis will take a few months

improvement in the supply of water ~~would~~ could be expected by the Municipality --- immediately after the works are handed over to the Public Works Department.

I am to request that the above facts may be placed before the Municipal Council and their resolution in the matter submitted for the orders of Government

I have etc

DRAFT)

Gl Secry to Govt.

K M R.1
20/5

No. D2-2335-26 Office of the Deputy Commissioner,
Mysore District,
Dated Mysore, 1st June 1927.

CENTRAL GOVERNMENT OFFICE
660 1927
LOCAL SELF-GOVT. BRANCH

From

A.V Ramanathan, Esq., B A.,

Deputy Commissioner, Mysore District.

To

R. Ranga Rao, Esq., B A., B.L.,

Secretary to Government of Mysore,

General ~~XXX~~ Department, Bangalore.

Ml 61-26-6

Water - Supply - Nanjangud Town.

With reference to your letter No L 8445/Ml 161-26-3 regarding the transfer of management of Nanjangud Water-Works to the Water Supply Department I have the honour to state that a copy of the above letter is forwarded to the President for necessary action and to submit an early reply In the meantime I request, that the new plant for which the Municipality has provided funds may kindly be got before the end of the year The plans and estimates have been countersigned and are with the Chief Engineer

I have the honour to be,

Sir,

Your most obedient servant,

For Deputy Commissioner,

Mysore District,

(Absent from Head Quarters)

CMS.

WD 1086—GPB—5000—16-12-25

MYSORE PUBLIC WORKS DEPARTMENT
CENTRAL OFFICE

No 11431

Dated Bangalore 24 MAY 1927

FROM JOHN BHORE Esq, AMICE Etc
Chief Engineer of Mysore
Bangalore

To

R. Ranga Rao, Esq , B A , B L ,
General Secretary to Government,
B a n g a l o r e

SIR

In continuation of this office Un-Official reference No 118 dated the 12 March 1927, I have the honour to inform you that the Blackstone crude Oil Engine condemned by the Municipality and resolved to be disposed of for a nominal figure was set right by the Superintendent and the supply of water was restored before the Dodda Jatra He has been practially in charge of the water works since 9th February 1927, though it has not been formaly handed over to this Department for maintenance and upkeep I recommend that duly allowance of Rs 50 per mensem recommended to be given to Superintendent may be granted from 9th February 1927 and request you will be so good as to obtain the sanction of Government thereto at an early date

I have the honour to be,
Sir,
Your most obedient servant,

Chief Engineer of Mysore.

J.R.25th

No. D2-2335-26 Office of the Deputy Commissioner,
Mysore District.
Dated Mysore, 1st June 1927.

From

A.V Ramanathan, Esq., B.A.,
Deputy Commissioner, Mysore District.

To

R. Ranga Rao, Esq., B.A., B.L.,
Secretary to Government of Mysore,
General Department, Bangalore.

Sir,

WATER SUPPLY-NANJANGUD TOWN

With reference to your letter No L 8491/Ml 161-26-5 dated 25th May 1927 I have the honour to state that the Executive Engineer Water Supply Division having forwarded to this office a copy of his letter No 1038 dated 5th May 1927 to the Chief Engineer, the President Nanjangud Municipal Council was directed in this office No D2-2335-26 dated 20th May 1927, to work the machine only for 12 hours a day and to give restricted supply of water

I have the honour to be
Sir
Your most obedient servant,

For Deputy Commissioner
Mysore District
(Absent from Head Quarters)

CMS.

[illegible. 9 vi. 26.]

SUBJECT

Section No 2
File No 161-26
Serial No 8

Diary No of letter replied to

No L9037 Engineer

To The Chief Engineer

General and Revenue Secretariat
( )
the 192

Sir

I am directed to forward herewith copy of letter No D2-2335 -26 & 16 27 from the D C Mannar regarding the new plant for the Nanaampuli Sankanesu water works and to request you to be good as to favour Govt with your proposals in the matter immediately

I have the

Date of issue 29-6-27

Signed by Mercle W Iyengar for

List of enclosures

Copied by D O K 29-6-27

Examined by

over

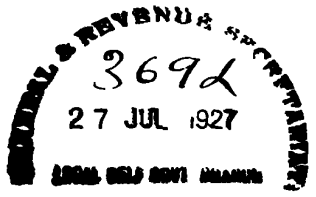
In reply please refer to this No DR-2335-26

Office of the Deputy Commissioner
Mysore District

Dated Mysore 25th July 1927

FROM

A V Ramanathan, Esq , B A
~~The~~ DEPUTY COMMISSIONER
MYSORE DISTRICT



To

R Ranga Rao Esq , B A ,B L
General Secretary to the Government
of Mysore, B a n g a l o r e

Ml 161-26-9

SIR

Water supply - Nanjangud Town - - -

With reference to your letter No L 463 dated 22nd July 1927 requesting to forward a copy of the resolution of Municipal Council in the above matter I have the honour to forward herewith an extract of Council's resolution dated 25th June 1927

2 From the resolution it will be seen that the council does not agree to transfer the entire management of the Water works to the Water Supply Department for a period of three years on the terms suggested by your letter No L 8445/ Ml 161-26-3 dated 23rd May 1927 on the ground that their financial condition does not permit such an arrangement But the Council states its willingness to entrust the management of the work during the erection of the New Plant, to the Public Works Department and to resume the charge of the plant after its complete erection

3 Further the Council requests that the establishment tool, and plant charges at 18% be kindly waived as a special case, in consideration of the fact that it had been financing the work all along till now without the assistance of the Government and that the Chief Engineer may kindly be instruct to continue to place the technical advice and assistance of the Water Supply Division, at the disposal of the Council, free,

P.T.O

free whenever it is required

I have the honour to be,

Sir

Your most obedient servant,

For Deputy Commissioner,

Mysore District.

(ABSENT FROM HEAD [illegible])

CMS

Proceedings of the General Meeting of the Nanjangud Town Municipal Council, held in the upstairs hall of Dalavoy buildings, in Nanjangud, on Saturday the 25th June 1927 at 5 P M

Members present	Members absent
9	9

Subject No 1 Read Mysore District Deputy Commissioner's Memo No D2-2535-26 dated 9th June 1927 regarding transferring the entire management of Nanjangud Srikanteswara Water Works to the Public Works Department	Resolution - The Council regret that their present financial condition does not permit of their transferring the entire management of the Srikanteswara Water Works to the Water Supply Department for a period of three years to begin with on the terms indicated in the General Secretary's letter No L 8445/ML 161-26-3 dated 23rd May 1927 They will continue to manage the works themselves as heretofore They have no objection however to the work of improvement being carried out by the Department of Public Works and to place a sum of Rs 4000/- at the disposal of the Department of Public Works as the Municipal contribution for the same. The President will be requested to issue a crossed cheque for Rs 4000/- immediately in favour of the Department of Public Works as required by the Comptroller in his letter No 3260/ W A D Mis dated 21st June 1927 The Government may be requested once again to kindly order the waiving of the tools and plant charges as a special case and to kindly instruct the Chief Engineer to kindly continue to place the technical advice and assistance of the Water Supply Department at the disposal of the Council free as here-to-fore, whenever it may be required.

Sd/-M.S. Ramachendra Rao,
P r e s i d e n t.

" C O P Y "

For Deputy Commissioner, Mysore District.

[illegible] 61]

C1

Section

File No

Serial No

No 2463

No of letter replied to

General and Revenue Secretariat

( )

the *192*

of issue 22-7-27

Signed by Asst Sec'y. Iyengar

To

The Deputy Commissioner
Mysore Dt

Sir,

In inviting reference to your letter no Dy-2333-26 of 1st June 1927 regarding the transfer of management of Nanjangud water-works to the water supply dept, I am directed to request you to be so good as to obtain & forward a copy of the resolution of the municipal council of Nanjangud

over

List of enclosures

Copied by

Examined by

Matter as called
for in this Office Letter of 20 Oct 45
of 23 & 27. The matter may be
treated as urgent. I have ch

Ref 161-26-3

For Gen Leg to Govt

Ch
27/7

WD 1998—GPB—5 000—27 4-25

No. 241

MYSORE PUBLIC WORKS DEPARTMENT,
CENTRAL OFFICE

Dated Bangalore 14 JULY 1927

2

FROM

JOHN BHORE Esq AMICE
Chief Engineer of Mysore
Bangalore

To

R. Ranga Rao, Esq., B A , B L.,
Secretary to Government,
General Department,
B a n g a l o r e

Sir

With reference to your letter No L.9037/W1.161-26-8 dated the 29th June 1927, re Nanjangud Water Supply, I have the honour to invite kind reference to this office U.O No.118 dated the 12th May 1927 forwarding an estimate for Rs 7,000 for purchasing a new set of machinery and subsequent letter No 11258 dated the 19th May 1927 and to request that you will be so good as to obtain the very early orders of Government in the matter.

I have the honour to be,
Sir,
Your most obedient servant,

15/7/27
Chief Engineer of Mysore.

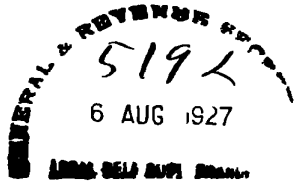
In reply please refer to
this No D2-2335-26
Encl,1 estimate

Office of the Deputy Commissioner
Mysore District

Dated Mysore 3rd August 1927

FROM

A V Ramanathan, Esq , B A ,
THE DEPUTY COMMISSIONER
MYSORE DISTRICT



2

To

R Ranga Rao Esq B A , B L
General Secretary to the Government
of Mysore B a n g a l o r e

RR 1/8
369

161-26-10

SIR

Water-supply - Nanjangud Town

I have the honour to forward herewith the estimate for improvement of water supply to Nanjangud town countersigned by the Municipal Council for Rs 7000/- and to request that it may kindly be sanctioned

2 The Municipal President reports that the Municipal share of Rs 4000/- has been transferred to Public Works Deposits The President has been asked to transfer the Government grant of Rs 3000/- also to the Public Works Deposits

I have the honour to be

Sir

Your most obedient servant

For Deputy Commissioner,
Mysore District
(Absent from Head Quarters)

Proceedings of the Government of H.H
the Maharaja of Mysore.

R e a d:-

PWD I

Correspondence ending with letter No D 2. 2335-26 dated, the 3rd August 1927, from the Deputy Commissioner, Mysore District, in the matter of transferring the management of the Nanjangud water works to the Public Works -- Department and effecting certain improvements to the works

P la, R

2. Correspondence ending with U O. note No.13 dated, the 20th August 1927, from the Chief Engineer, on the same subject.

ORDER NO E 1607-9/Mul 16-26-11 Esn
Dated, Bangalore, the 16th September 1927.

The Deputy Commissioner, Mysore District, brought to notice that the water-supply plant of Srikanteswara water works at Nanjangud was giving constant trouble and that the Municipal Council was of opinion that the water works be placed under the management of the Water Supply Deptt. for a period of 3 years to begin with, the cost being met by the Municipality The Chief Engr. had no objection to the proposal of the Municipal Council and stated that the works required over-hauling and repairs and that a new set of machinery which would cost the Municipality a sum of Rs.7,000/- would have to be purchased

As regards the supervision of the plant, he recommended that the Superintendent of the Water Works of Mysore City might be incharge of Nanjangud works also and given an allowance of Rs.50/- // The Municipal Council are now not agreeable to transfer the entire management.

the water works to the Water Supply Dept for a period of 3 years on the terms proposed on the ground their financial condition does not permit of such an arrangement The are however willing to entrust the management of the work to the Public Works Department during the erection of the new plant and wish to resume charge of the plant after its erection Further they request that the establishment, tools and plant charges at 18 % be waived as a special case and that the Engineering Department might continue to render expert advice or assistance of the water supply Division at the disposal of the Council free

Government are pleased to direct that the water works be placed under the control of the Public Works Department immediately and that necessary action be taken to obtain the sanction required for it The Public Works Department may retain the management of the water works for one year after the improvements have been completed The Superintendent of the Vani Village Water Works if necessary, will supervise Nanjangud water works also Government consider that there is no need for any allowance to the Officer specially on this account as this arrangement is not likely to entail much additional work to him if a suitable subordinate is placed in direct charge of the works at Nanjangud The establishment tools and plant charges for carrying out the repairing works and setting up new machinery will be recovered from the Municipality

The estimate for Rs 7,000/- forwarded by the Deputy Commissioner, Mysore District for the improvement of water supply is accordingly sanctioned The Municipal Cl. is requested to make necessary arrangements to hand over the charge of ~~the water works~~ to the Public Works Department, so that early action may be taken to improve the works.

DRAFT)

Gl. Secry to Govt.

To

The Dy. Commr Mysore Distt.
The Chief Engineer of Mysore
The Comptroller to Government.

K M.R 1.
9/9.